

# FIMS Installation Guidelines

## Introduction

This document has been prepared to help network administrators and experienced users install the software necessary for FIMS. Installation of the various software components should be done via the individual installation scripts provided with each software package. This document should be used as a guide to the order in which the installation of each software component should be performed and for additional information that may be required.

## Required FIMS Software and Order of Installation

The order of installation is important as each software relies on a previously installed software package. To access FIMS, the following software is required and should be installed in the sequence listed:

1. Microsoft Windows 95/98/NT/2000 using the Microsoft TCPIP
2. Microsoft Access 97, 2000, or 2002
3. ORACLE SQL\*Net v2.3 (32-bit) or Net8
4. FIMS software v3.7

## SQL\*Net software distribution

To aid the installation, the Oracle SQL\*Net or Net8 is available on CDROM by contacting the FIMS Hotline (301-903-0850). You may want to check with your local network support group or FIMS field office system administrator because they most likely already have the ORACLE SQL\*Net or Net8 CDROM.

## Removing the FIMS Software

This applies to FIMS 3.7 and all future releases. Before installing the FIMS software, any existing FIMS software should be removed from the PC using the Windows Control Panel Add/Remove Programs utility. The steps below outline the process for removing any existing FIMS software.

1. Access the Control Panel either through My Computer or through the Start menu, then Settings.
2. Double-click **Add/Remove Programs**.
3. From the list click **FIMS**, then click **Add/Remove...**
4. Click **OK** to completely remove the selected application and all of its components.
5. Click **Finish**.
6. Click **OK** to close the Add/Remove Programs Properties window. Close the Control Panel window.

# Oracle SQL\*Net Installation

FIMS supports the use of either Oracle SQL\*Net v2.3 or Oracle Net8. Follow the appropriate instructions below depending on the product you are installing.

## SQL\*Net 2.3 Installation

1. To install SQL\*Net v 2.3, insert the SQL\*Net CD in the CD drive. Click **Yes** to the prompt to install the Oracle software. The products will be installed in an 'orawin95' or 'orant' directory depending on your current Windows operating system. Follow the following prompts for installation:

- a) Accept default language and click **OK**.
- b) Accept default for ORACLE Home and enter Company Name. Click **OK**.
- c) Select Custom Installation for the type of installation prompt. Click **OK**.
- d) For **Windows 95/98**, select the following products to install and click the **Install** button.

1. SQL\*Net Client v2.3.3.0.0 (which will also install Required  
Support Files v7.3.3.0.0, Oracle  
TCP/IP Adapter v2.3.3.0.0, and Oracle  
Trace Collection Services v7.3.3.0)
2. Oracle7 32 bit ODBC Drivers v2.0.3.1.1

For **Windows NT/2000**, double-click on **ORACLE Networking Products** and select the following products to install. Then click on the **Install** button.

1. SQL\*Net Client v2.3.3.0.0 (which will also install Required  
Support Files v7.3.3.0.0, Oracle  
TCP/IP Adapter v2.3.3.0.0, and Oracle  
Trace Collection Services v7.3.3.0)
2. Oracle7 32 bit ODBC Drivers v2.0.3.1.1.

- e) Select TCP/IP for the Oracle SQL\*NET Adapter Selection.
- f) Click **Exit** to exit the Oracle Installer. Respond **Yes** to exit the ORACLE installer.

2. For Windows 95/98, ensure that the ORACLE software installation included the \ORAWIN95\BIN directory in the PATH statement in the AUTOEXEC.BAT file.

## Net8 Installation

1. To install Net8, insert the Net8 CD in the CD drive. The products will be installed in an 'orawin95' or 'orant' directory depending on your current Windows operating system. Click **Begin Installation**. Follow the following prompts for installation:

- a) Enter the Company Name (i.e DOE) and accept the defaults for the Oracle Home. Click **OK**.

- b) Select Custom Installation from the type of installation you want to perform list. Click **OK**.
- c) From the Software Asset Manager window, select Oracle8 Client Application User Products. Click **Install**.
- d) Select the following Oracle8 Client Application User Products Configuration. Please note that all products appear selected initially. Just click the products that you don't want installed to remove the highlight, leaving the following products highlighted. Then click **OK**.

Oracle8 ODBC Driver 8.0.5.0.0

Oracle Net8 Client 8.0.5.0.0

Oracle Installer 3.3.1.0.0C

- e) The Oracle installation is now completed. Click **OK** to return to the Software Asset Manager window. Click **Exit** and respond **Yes** to exit the Oracle Installer.

2. For Windows 95/98, ensure that the ORACLE software installation included the \ORAWIN95\BIN directory in the PATH statement in the AUTOEXEC.BAT file.

## Microsoft Access

Install Microsoft Access 97, 2000, or 2002 according to the vendor installation directions. If Microsoft Access was previously installed, proceed with the FIMS Application Installation.

## FIMS Application Installation

1. The FIMS applications software is available from the FIMS web site. Follow the following prompts for installation:
  - a) Access the FIMS web site at <http://fims.hr.doe.gov>
  - b) Click the **Downloads** topic.
  - c) Click the **FIMS V3.7 Software** link to install the software.
  - d) If prompted at the Security Warning window, "Do you want to install and run InstallShield Wizard...", click **Yes**.
  - e) Click **install now**.
  - f) At the InstallShield Wizard "Do you want to continue running this setup?", select "I understand the security risk and wish to continue". Click **Next >**.
  - g) Wait for the InstallShield Wizard Setup to complete.
  - h) At the FIMS 3.7 Setup window, click **Next >** to install FIMS.
  - i) At the Choose Destination Location window, click **Next >** to install FIMS in the default folder.
  - j) Input the directory where the Oracle tnsnames.ora file resides (see below for default locations depending on the operating system where the Oracle product was installed). Use the **Browse** button to locate the proper Oracle directory. Once you have the proper Oracle directory selected, click **Next >**.
    - If you installed the Oracle SQL\*Net v2.3 product for Windows 95/98 this should be c:\orawin95\network\admin.

- If you installed the Oracle Net8 product for Windows 95/98 this should be c:\orawin95\net80\admin.
  - If you installed the Oracle SQL\*Net v2.3 product for Windows NT/2000 this should be c:\orant\network\admin.
  - If you installed the Oracle Net8 product for Windows NT/2000 this should be c:\orant\net80\admin.
- k) Select the version of Microsoft Access that is installed on our PC. Click the appropriate choice Microsoft Access 97 or Microsoft Access 2000 or Access 2002 and then click **Next** >.
  - l) Click **OK** to acknowledge the Firewall informational message.
  - m) Wait for FIMS to be installed, then click **Finish** to complete the installation.
  - n) Click the **back** button on your internet browser to return to the FIMS web site and then close your internet browser.

The installation process creates a FIMS 3.7 shortcut and a FIMS Reports 3.7 shortcut on your PC desktop. To complete the FIMS installation, follow the procedures under Miscellaneous Installation Items below.

## Miscellaneous Installation Items

1. In the c:\orawin95\network\admin\sqlnet.ora, c:\orawin95\net80\admin\sqlnet.ora, c:\orant\network\admin\sqlnet.ora, or c:\orant\net80\admin\sqlnet.ora files comment out (using the #) the '=world' statements. Place a # in the first position of any line ending with “=world”.
2. If your site has a firewall, it may be necessary to consult your local firewall administrator. Modifications may be required to your local firewall or the TNSNAMES.ORA file that is located in the directory where ORACLE was installed.
3. Setup the Microsoft ODBC data source names. Follow the appropriate setup depending on the Oracle product you installed.

### SQL\*Net 2.3

Open the 32-bit Administrator from the Oracle for Windows 95 or NT folder.

- a) Click the **Add** button.
- b) Select Oracle73 from the installed drivers list. Click **Finish**.
- c) Input **Fims\_Oracle** for the Data Source Name and **fms** for the SQL\*Net Connect String.
- d) Click the **OK** button.
- e) Click the **Add** button again.
- f) Select the Microsoft Access Driver from the installed drivers list. Click **Finish**.
- g) Input **Fims\_Local** for the Data Source Name. Click **Select...** in the database section. Select the c:\program files\fims\fimsexec2.mdb. Click **OK**.
- h) Click **OK** to exit.

### Net8

Open the Microsoft ODBC Administrator from the Oracle for Windows 95 or NT folder.

- a) Click **Add**.

- b) From the Create New Data Source window, select Oracle ODBC Driver and click **Finish**.
  - c) At the Oracle8 ODBC Driver Setup window, input the following:
 

Data Source Name: **Fims\_Oracle**

Service Name: **fmis**

Accept all other defaults. Click **OK**.
  - d) Click **Add** again.
  - e) From the Create New Data Source window, select Microsoft Access Driver and click **Finish**.
  - f) At the ODBC Microsoft Access Setup window, input the following:
 

Data Source Name: **Fims\_Local**

Click **Select...** in the database section. Select the c:\program files\fims\fimsexec2.mdb. Click **OK**.
  - g) Click **OK** to exit.
4. Test the FIMS application by double clicking the FIMS icon. Contact the FIMS Hotline (301-903-0850) for a test FIMS userid, if needed.

## Troubleshooting tips:

1. Ensure that the Oracle SQL\*Net \ORAWIN95\NETWORK\ADMIN\TNSNAMES.ORA (\ORANT, if applicable) or \ORAWIN95\NET80\ADMIN\TNSNAMES.ORA (\ORANT, if applicable) files looks like the following:

```
#####
# FILENAME: tnsnames.ora
# TIME....: 94-05-20 02:07:53
# NETWORK.: FIMS
# NODE....: C_FIMS_COMMUNITY
# SERVICE.: C_FIMS_COMMUNITY
#####
fmis =
(DESCRIPTION =
  (ADDRESS_LIST =
    (ADDRESS =
      (COMMUNITY = FIMS_COMMUNITY)
      (PROTOCOL = TCP)
      (HOST = 205.254.144.184)
      (PORT = 1521)
    )
  )
)
(CONNECT_DATA =
  (SID = fmis)
)
)
```